

URBAN DISTRICT OF AUDENSHAW

REPORT

ON THE STATE OF THE
PUBLIC HEALTH OF AUDENSHAW
1958



HAZEL I. ASHFORD, M.B.,CH.B.,D.P.H.
MEDICAL OFFICER OF HEALTH

(Including the Report of the Chief Public Health Inspector)

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U R B A N D I S T R I C T O F A U D E N S H A W.

HEALTH COMMITTEE, 1958 - 59.

Chairman:

COUNCILLOR W. BARNES, J.P.

Members:

COUNCILLOR A.H. ROTHWELL, J.P.

" J.E. SMETHURST.

" J.B. MIDGLEY.

" MRS. L. BARNES, J.P.

" W. BROWN.

" A. HEWITT, C.C. J.P.

" J. EDWARDS, J.P.

" R. BARSTOW.

" J. FRASER.

" T.J. CALDWELL.

" N. SMITH.

S t a f f .

Medical Officer of Health:

HAZEL I. ASHFORD, M.B., Ch.B., D.P.H.

Chief Public Health Inspector, Meat and Foods Inspector:

W.E. POLLITT, M.A.P.H.I.

Additional Public Health Inspector:

B.R. Nelson, M.A.P.H.I.
(Appointed 23.7.1958).

Clerk: W.K. GUDGER (Resigned 20.9.1958).
P. EVANS (Appointed 1.10.1958).

Typist: MRS. E. MIDDLETON.

S T A T I S T I C A L.

The following are the General Statistics for the year 1958 :-

Area of District, in acres	...	...	1,241
Population (Census, 1951)	...	...	12,650
Estimated Population at the middle of 1958 supplied by the Registrar General		...	12,450
Number of Inhabited Houses (Census, 1951)		...	4,221
Number of Inhabited Houses at the end of 1958, in accordance with the Rate Books			4,361
Rateable Value	...	...	£146,954
Sum represented by a penny rate		...	£590

V I T A L S T A T I S T I C S.

BIRTHS:

<u>RTHS:</u>		<u>M.</u>	<u>F.</u>	<u>Total.</u>
Live Births - Legitimate	...	83	88	171
Illegitimate	...	4	3	7

87	91	178
----	----	-----

Crude Birth Rate per 1,000 estimated
resident population . . .

14.3

Adjusted Birth Rate per 1,000
estimated resident population . . .

14.7

M.	F.	Total.
----	----	--------

Stillbirths - Legitimate ...

2 1 3

Illegitimate . . .

- 1 1

$$\begin{array}{ccc} 2 & 2 & 4 \\ \hline & \hline & \hline \end{array}$$

Stillbirth Rate per 1,000 total (Live
and Still) Births . . .

22

M.	F.	Total.
----	----	--------

Total Births - Legitimate ...

85 89 174

Illegitimate . . .

4 4 8

89	93	182
----	----	-----

DEATHS OF INFANTS UNDER 1 YEAR OF AGE:

M.	P.	Total.
----	----	--------

Legitimate . . .

2 1 3

Illegitimate . . .

— — — — —

—	—	—
2	1	3
—	—	—

INFANT MORTALITY RATE:

All Infants per 1,000 live births

16.9

Legitimate Infants per 1,000 legitimate live births

16.9

Illegitimate Infants per 1,000 illegitimate live births	...
--	-----

Nil.

NEO-NATAL MORTALITY:

Deaths of Infants under 4 weeks of age :-

		<u>M.</u>	<u>F.</u>	<u>Total.</u>
Legitimate	...	2	1	3
Illegitimate	...	-	-	-
		-	-	-
		2	1	3
		=	=	=

NEO-NATAL MORTALITY RATE PER 1,000 LIVE BIRTHS 16.9

EARLY NEO-NATAL MORTALITY RATE PER 1,000 LIVE BIRTHS 16.9

PARINATAL MORTALITY RATE (Stillbirths and Deaths
during the first week) PER 1,000 TOTAL LIVE AND
STILLBIRTHS ... 38.5

PERCENTAGE OF ILLEGITIMATE LIVE BIRTHS 3.9

MATERNAL MORTALITY:

Maternal Deaths ... Nil
Maternal Mortality rate per 1,000 total births Nil

		<u>M.</u>	<u>F.</u>	<u>Total.</u>
<u>DEATHS:</u>	...	76	67	143

Death Rates per 1,000 estimated
resident population mid-1958 :-

Crude	...	...	11.5
Adjusted	...	...	12.7

DEATHS FROM CANCER (all ages) ... 21

DEATHS FROM MEASLES (all ages) ... -

DEATHS FROM WHOOPING COUGH (all ages) ... -

DEATHS FROM GASTRITIS, ENTERITIS AND DIARRHOEA 1

TABLES:

Tables 1, 2 and 3 give a comparison of the birth and death rates with previous years.

Table 4 classifies the deaths under certain heads.

Tables 5 and 6 classify and compare the deaths in certain diseases during the last 10 years.

Table 7 classifies the deaths of infants under 1 year of age.

TABLE
COMPARATIVE STATISTICS PER

	Live Births		Deaths (all causes)		Stillbirths	
	No. regis- tered	Rate per 1,000 popu- lation	No. regis- tered	Rate per 1,000 popu- lation	No. regis- tered	Rate per 1,000 total births
YEAR 1958	178	* 14.3	143	* 11.5	4	22
" 1957	165	13.2	175	14.0	3	18
" 1956	152	12.1	158	12.6	4	26
" 1955	146	11.7	159	12.8	2	14
" 1954	139	11.1	127	10.2	5	35
" 1953	149	11.9	158	12.7	4	26
Average 5 years 1953 - 1957	-	12.0	-	12.5	-	24

* Adjusted (live birth rate comparability factor 1.03) =
(death rate comparability factor 1.11) =

NO. 1.

1,000 OF ESTIMATED POPULATION.

Maternal Mortality		Infant Mortality			
		Total		Neo-natal	
No. of deaths registered.	Rate per 1,000 total births.	No. of deaths registered.	Rate per 1,000 live births.	No. of deaths registered.	Rate per 1,000 live births.
-	-	3	16.9	3	16.9
-	-	5	30	4	24
-	-	6	39	5	33
-	-	6	41	5	34
-	-	3	22	2	14
-	-	5	34	2	13
-	-	-	33	-	24

14.7 per 1,000.

12.7 per 1,000.

T A B L E N O. 2.

COMPARISON OF LOCAL BIRTH AND DEATH RATES
WITH THOSE OF ENGLAND AND WALES.

Year	Population	Birth Rate		Death Rate	
		Local	England and Wales	Local	England and Wales
1948	12,650	15.30	17.90	11.80	10.80
1949	12,730	14.40	16.70	12.60	11.70
1950	12,620	13.60	15.80	12.50	11.60
1951	12,590	13.70	15.50	13.00	12.50
1952	12,650	12.30	15.30	13.40	11.30
1953	12,490	11.90	15.50	12.70	11.40
1954	12,480	11.10	15.20	10.20	11.30
1955	12,440	11.70	15.00	12.80	11.70
1956	12,530	12.10	15.70	12.60	11.70
1957	12,480	13.20	16.10	14.00	11.50
Average of 10 years		12.93	15.87	12.56	11.55
1958	12,450	14.30	16.40	11.50	11.70

T A B L E N O. 3.

INFANT MORTALITY.

Year	No. of Deaths	Rate of Deaths per 1,000 Births Local	Rate of Deaths per 1,000 Births England and Wales
1948	8	41	34
1949	6	33	32
1950	2	12	29.8
1951	4	23	29.6
1952	5	32	27.6
1953	5	34	26.8
1954	3	22	25.5
1955	6	41	24.9
1956	6	39	23.8
1957	5	30	23
Average of 10 years		30.7	27.7
1958	3	16.9	22.5

T A B L E N O. 4.

CAUSES OF DEATHS DURING 1958.

	Males	Females	Total
Tuberculosis, respiratory ...	-	-	-
Tuberculosis, other ...	-	-	-
Syphilitic diseases ...	-	-	-
Diphtheria ...	-	-	-
Whooping Cough ...	-	-	-
Meningococcal infections ...	-	-	-
Acute Poliomyelitis ...	-	-	-
Measles ...	-	-	-
Other infective and parasitic diseases	-	1	1
Malignant neoplasm, stomach ...	1	2	3
" " lung, bronchus	3	1	4
" " breast ...	-	-	-
" " uterus ...	-	-	-
Other malignant and lymphatic neoplasms ...	4	9	13
Leukaemia, aleukaemia ...	1	-	1
Diabetes ...	-	-	-
Vascular lesions of nervous system	7	13	20
Coronary disease, angina ...	17	10	27
Hypertension with heart disease ...	1	2	3
Other heart disease ...	17	14	31
Other circulatory disease ...	2	2	4
Influenza ...	-	-	-
Pneumonia ...	-	3	3
Bronchitis ...	11	3	14
Other diseases of respiratory system	3	-	3
Ulcer of stomach and duodenum ...	-	-	-
Gastritis, enteritis and diarrhoea	-	1	1
Nephritis and nephrosis ...	-	-	-
Hyperplasia of prostate ...	2	-	2
Pregnancy, child birth, abortion	-	-	-
Congenital malformations ...	1	-	1
Other defined and ill-defined diseases	5	4	9
Motor-vehicle accidents ...	1	1	2
All other accidents ...	-	1	1
Suicide ...	-	-	-
Homicide and operations of war ...	-	-	-
<u>ALL CAUSES:</u> ...	76	67	143

T A B L E N O. 5.

NUMBER OF DEATHS FROM CERTAIN DISEASES
DURING THE LAST TEN YEARS.

Disease	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949
Measles	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	4	1	3	1	2	5	3	6	6
Cancer	21	22	27	22	27	29	35	29	35	20
Influenza	-	1	-	-	-	1	1	1	-	4
Pneumonia	3	5	5	5	4	4	2	2	4	7
Bronchitis	14	7	15	19	6	12	9	17	12	12
Gastritis Enteritis and Diarrhoea	1	-	-	-	-	1	-	-	1	1

T A B L E N O. 6.

RESPIRATORY TUBERCULOSIS DEATH RATE.

<u>Year:</u>	<u>Rate per 1,000</u> <u>Estimated Population:</u>	
1948	...	0.31
1949	...	0.47
1950	...	0.40
1951	...	0.23
1952	...	0.40
1953	...	0.16
1954	...	Nil
1955	...	0.24
1956	...	0.08
1957	...	0.32
Average of ten years	...	0.26
1958	...	Nil

T A B L E N O. 7.

INFANT MORTALITY 1958.

Cause of Death	Under 1 week	Under 1 month	3 months
Congenital Malformations	1	-	-
Atalectasis	2	-	-
<u>T O T A L</u> :-	3	-	-

PREVALENCE OF, AND CONTROL OVER

INFECTIOUS AND OTHER DISEASES.

There was an increase of notified Measles cases on the previous year, the total being 104 which was 20 more than in 1957.

Scarlet Fever notifications also showed an increase over the previous year. There were 14 cases notified, this being 8 more than in 1957.

There was, however, a decrease on the previous year in Whooping Cough notifications. The total for 1957 was 21 cases notified, and 8 cases notified for 1958, this being a decrease of 13.

There was unfortunately one case of Paralytic Poliomyelitis notified and confirmed and the case was removed to hospital.

Once again I have pleasure in stating that no deaths have occurred from Diphtheria since 1945.

With regard to Scarlet Fever, most cases are nursed at home where suitable isolation and nursing facilities are available.

Six patients were admitted to hospital, the causal diseases and hospitals being as under :-

	Westhulme I.D. Hospital, Oldham	Monsall I.D. Hospital, Manchester	Cherry Tree Hospital, Stockport
Meningococcal Infection	-	1 *	-
Whooping Cough	2 *	-	-
Gastro-enteritis	-	-	1
Scarlet Fever	-	1	-
Acute Poliomyelitis - Paralytic	-	1	-

* Not confirmed.

T A B L E N O. 8.

TUBERCULOSIS.

New Cases and Deaths during 1958.

Age	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1	-	-	-	-	-	-	-	-
1 - 5	-	-	-	-	-	-	-	-
5 - 10	-	-	1	-	-	-	-	-
10 - 15	-	-	-	-	-	-	-	-
15 - 20	-	-	-	-	-	-	-	-
20 - 25	1	1	-	-	-	-	-	-
25 - 35	-	-	-	-	-	-	-	-
35 - 45	2	-	-	1	-	-	-	-
45 - 55	1	-	-	-	-	-	-	-
55 - 65	2	-	-	-	-	-	-	-
65 and upwards	-	-	-	-	-	-	-	-
<u>TOTALS</u> ...	6	1	1	1	-	-	-	-

No evidence has been forthcoming of persons suffering from active tuberculosis carrying on employment in the milk production or distribution trades, and no compulsion was necessitated in the removal to hospital of any tuberculosis person.

Disinfection was arranged where necessary.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

The number of cases on the register at 31st December, 1958, was as follows :-

Respiratory			Non-Respiratory			Total cases		
M.	F.	Total	M.	F.	Total	M.	F.	Total
45	21	66	6	7	13	51	28	79

LABORATORY FACILITIES.

Pathological and bacteriological specimens were dealt with at the Public Health Laboratory, Manchester.

One hundred and fifteen specimens were examined, as detailed hereunder :-

<u>Nature of Examination:</u>	<u>No. of Specimens:</u>
Typhoid, Salmonella and Dysentery Groups of Organisms	111
Diphtheria ...	3
Tuberculosis ...	1

The kind assistance and advice given by Dr. Parker and his staff at the Laboratory during the year, was greatly appreciated.

T A B L E N O. 9.

NOTIFIABLE DISEASES DURING THE YEAR 1958.
(OTHER THAN TUBERCULOSIS).

Notifiable Disease	Total Cases all ages	Under 1	1-	2-	3-	4-	5-	10-	15-	25-	45-	65 and over	Total Deaths	Total Cases removed to Hospital
Scarlet Fever	14	-	1	-	1	-	9	3	-	-	-	-	-	1
Measles (excluding Rubella)	104	1	9	11	19	11	51	2	-	-	-	-	-	-
Whooping Cough	8	-	5	-	1	1	1	-	-	-	-	-	-	2
Acute Pneumonia (Primary and Influenzal)	3	-	-	-	-	-	-	-	-	1	-	2	-	-
Acute Poliomyelitis - Paralytic	1	-	-	-	-	-	-	1	-	-	-	-	-	1
Meningococcal Infection	1	-	-	1	-	-	-	-	-	-	-	-	-	1
<u>TOTALS:</u>	131	1	15	12	21	12	61	6	-	1	-	2	-	5

HOSPITALS.

There being no hospitals within the district, facilities are provided by the Manchester Regional Hospital Board as follows :-

- (a) General Medical and Surgical cases are treated at hospitals situated in the Municipal Borough of Ashton-under-Lyne; City of Manchester and County Borough of Stockport.
- (b) Infectious Disease :-
Hyde Isolation Hospital; Westhulme Infectious Diseases Hospital; Monsall Infectious Diseases Hospital, Manchester.
- (c) Tuberculosis :-
Home visits, chest clinic and sanatorium treatment are provided for all known cases.
- (d) Maternity :-
Cases are admitted to Lake Hospital, Ashton-under-Lyne, and St. Mary's Hospital, Manchester.

LOCAL AUTHORITY SERVICES.

The Lancashire County Council is the Local Health Authority for the area and, through the medium of Divisional Health Committee No. 17, of which Audenshaw is a constituent district, provides the following services :-

1. Maternity and Child Welfare.
2. School Medical Services.
3. Day Nurseries.
4. Midwifery.
5. Health Visiting.
6. Home Nursing.
7. Domestic Help.
8. Vaccination and Immunisation.
9. Prevention of Illness, Care and After Care.
10. Mental Health.
11. Ambulance Services.
12. Health Education and Propaganda.

The Divisional Medical Officer locally responsible for the above services is :-

Dr. Alan S. Simpson, M.B., B.S., M.R.C.S., D.P.H.,
Divisional Health Committee No. 17,
Divisional Health Offices,
St. Michael's Square,
Ashton-under-Lyne.



A MODERN BOILER HOUSE SHOWING FULLY AUTOMATIC
OIL BURNING EQUIPMENT.

ONE OF THE MANY IMPROVEMENTS MADE BY
THE INDUSTRIALISTS OF THE DISTRICT DURING THE YEAR.



A MODERN CANTEEN AT A FACTORY
ON THE AUDENSHAW INDUSTRIAL ESTATE.

THE GENERAL STANDARD OF FACTORY CANTEENS
IN THE DISTRICT IS VERY GOOD.



OLD COTTAGE PROPERTY TO BE DEALT WITH
IN THE COUNCIL'S SLUM CLEARANCE PROGRAMME.

NOTE THE BREACHED RENDERED GABLE,
THE LOOSE AND INSECURE BRICKWORK AND BROKEN ROOF SLATES.

Public Health Department,
Ryecroft Hall,
AUDENSHAW.

TO: THE CHAIRMAN AND MEMBERS OF
THE PUBLIC HEALTH COMMITTEE.

Mr. Chairman, Lady and Gentlemen,

I have pleasure in submitting my Annual Report for 1958. Despite the fact that the Department was without the services of the Additional Inspector for part of the year, much work has been carried out.

Great progress has been made in the atmospheric pollution field, the Local Authority being one of the first Urban Districts to declare a Smoke Control Area. The co-operation of the Industrialists in this sphere is also appreciated.

I wish to express my thanks to the Chairman and Members of the Public Health Committee; to Dr. H.I. Ashford; to my Fellow Officers and Staff, for their help and support throughout the year.

I am, Mr. Chairman, Lady and Gentlemen,

Your obedient Servant,

WILLIAM E. POLLITT.

CHIEF PUBLIC HEALTH INSPECTOR.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY:

Water is supplied to the district by the Ashton, Stalybridge and Dukinfield Joint Water Board, with the exception of two Council houses situated on the Denton/Audenshaw boundary and two Lodge houses at the Manchester Water Undertaking's reservoirs.

During the year the water mains in the district have been extended by 580 yards, to provide for a new Council Estate and privately built houses.

Two complaints of cloudy water and infestation by shrimps (Gamurus) were investigated. The Supplying Authority flushed out all the mains in the district, and no further complaints have been received.

The following samples were taken by the Supplying Authority :-

	Total	Excellent	Satisfactory	Unsatisfactory
Chemical	1	-	1	-
Bacteriological	36	33	1	2

SEWERAGE AND DRAINAGE:

Sewage for the district is dealt with in the main by the Stalybridge and Dukinfield Joint Sewerage Board's Disposal Works, which is situated in Dukinfield, and is conveyed by means of sewers ranging from nine to thirty-six inches in diameter.

A small portion of the district on the Audenshaw/Manchester/Droylsden boundary is connected to the main sewerage system of Manchester C.B.C.

One small housing estate comprising 48 houses, situated on low lying ground is dealt with by means of a private sewage pump.

SANITARY ACCOMMODATION:

Sanitary accommodation within the district consisted of the following :-

Pail closets	...	5
Waste-water closets		1,040
Modern water closets		3,562

The five pail closets are situated as follows :-

Two at a block of old cottages which are due for demolition under the Housing Act, 1957.

Two at business premises on low lying land.

One at an isolated farm-house not within easy reach of the sewer.

The pail closets are emptied weekly.

There were seventy-seven conversions of waste-water closets to modern flush-down closets during the year, and there is no doubt that the £10 grant which the Council pay towards the cost of conversion is acting as an incentive to owners of property which have waste-water closets,

Below is a table of conversions carried out in the last 10 years :-

<u>Year:</u>		<u>Closets converted:</u>
1948	...	3
1949	...	8
1950	...	10
1951	...	10
1952	...	11
1953	...	10
1954	...	12
1955	...	32
1956	...	28
1957	...	78

1958	...	77

PUBLIC CLEANSING.

SCAVENGING:

The main roads within the district are swept twice weekly by means of a Lewin sweeper/collector vehicle, which is hired from Denton Urban District Council. Side and estate roads are swept by means of street orderlies.

The street gullies are cleansed by the Surveyor's Department.

There are within the Urban District the following lengths of road :-

Class 1 road	...	2.41 miles
" 2 "	...	1.54 "
" 3 "	...	1.3 "
Unclassified roads and streets	...	8.0 "
<u>TOTAL:</u>		<u>13.25 "</u>

REFUSE COLLECTION:

The collection of household refuse within the district is affected by means of two refuse collection teams, each team comprising of six men. These two teams use a Shelvoke & Drewry "N" type vehicle and a "W" type vehicle, with a Karrier Bantam held in reserve in case of a mechanical breakdown.

During the year the Department lost 2,205 man-hours due to sickness, and this resulted in having to employ temporary labour in order to provide a service.

CLEANSING COSTS AND STATISTICS.

Total weight in tons of household refuse collected	3,097
Disposed of by controlled tipping	3,097
Number of loads of household refuse	2,052
Population	12,450
Weight in tons per 1,000 population	248.76
Number of houses and premises	4,606
Approximate number of dustbins emptied each cycle	4,990
Average length of haul - in miles	2

REFUSE COLLECTION.

<u>Expenditure:</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
(a) Collection				7,541.	17.	3.			
(b) Dustbins				451.	-.	11.			
(c) Salvage				922.	14.	10.			
				<u>8,915.</u>	<u>13.</u>	<u>-.</u>			
<u>Income:</u>									
(a) Salvage	1,002.	17.	7						
(b) Sale of dustbins	495.	19.	8.	1,498.	17.	3.	7,416.	15.	9.
							(Net)		
Cost per ton collected				...			£2.	7.	10 $\frac{3}{4}$.
Cost per 1,000 population				...			£595.	14.	5 $\frac{1}{4}$.

REFUSE DISPOSAL.

<u>Expenditure:</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
(a) Disposal				1,338.	6.	11.			
<u>Income:</u>									
(a) Salvage	136.	14.	7.						
(b) Tipping charges	35.	11.	6.	172.	6.	1.	1,166.	-.	10
							(Net)		
Cost per ton disposed				...			£-	7.	6 $\frac{1}{2}$.
Cost per 1,000 population				...			£93.	13.	2.

DUSTBIN STOCK -

Period 1st April, 1958 to 31st March, 1959.

<u>Item:</u>	<u>Quantity sold:</u>	<u>Cost to Local Authority:</u>	<u>Establishment Charges:</u>	<u>TOTAL:</u>
		<u>£.</u> <u>s.</u> <u>d.</u>	<u>£.</u> <u>s.</u> <u>d.</u>	<u>£.</u> <u>s.</u> <u>d.</u>
Dustbins	341	451. - . 10 $\frac{1}{2}$.	44. 18. 9 $\frac{1}{2}$.	495. 19. 8.

Four dustbins were supplied in default of owners, in accordance with the provisions of the Public Health Act, 1936, Section 75, the costs of which were recoverable.

REFUSE DISPOSAL.

The tipping of household refuse was continued at the quarry of Messrs. J. & A. Jackson, off Guide Lane. Whilst a few complaints were received concerning the proximity of the tip to the dwelling houses on Guide Lane during the initial stages, the tip face has now progressed a reasonable distance from the Guide Lane houses, and no further complaints are expected.

Two tip attendants are employed on the tip face for the purpose of depositing the refuse in a manner recommended by the Minister of Health.

The tip was treated periodically for rats and other insect pests during the year.

SALVAGE.

The collection of waste paper and other salvageable materials was continued during the year, and while the collection and output of baled mixed waste paper was comparable with the previous year, the income from this source was £102 less, which was due to a fall in price.

The sale of light scrap and tins was discontinued, due to the Department's inability to sell. The price of the material fell from £5.10s.0d. per ton to 10s/-d. per ton, if a buyer could be found. To offset this loss of revenue from light scrap and tins, a market was found from jars and bottles, 5 tons 17 cwts. being sold which realised the sum of £32.3s.5d.

I give below the total salvage collections and incomes from the various sources :-

WASTE SALVAGE STATISTICS.

Materials	1957 - 1958	1958 - 1959	1957-1958			1958-1959		
	Tons	Tons	£.	s.	d.	£.	s.	d.
Waste Paper	157.8	157.35	1,104.	12.	-.	1,006.	5.	9.
Ferrous Scrap	3.9	4.25	22.	16.	3.	18.	10.	-.
Non-Ferrous Scrap	.3	.3	21.	4.	-.	22.	-.	-.
Light Scrap & Tins	7.4	3.4	29.	3.	10.	10.	17.	-.
Textiles	5.35	7.0	42.	15.	-.	49.	16.	-.
Bottles	-	5.85	-.	-.	-.	32.	3.	5.
<u>TOTALS:</u>	174.75	178.15	1,220.	11.	1.	1,139.	12.	2.

Is this study similar to the study by [10]?

Workmen of all Departments came under the control of the Chief Public Health Inspector for this purpose, and by means of a rota to cover off duty periods and the understanding and courtesy of the Lancashire County Police, a satisfactory service was provided.

Journal of Management Inquiry 22(1) 3-16

1.1.58 - 31.12.58

2,644

[illegible]

- 23 -

The Local Authority is a Member of the Manchester and District Regional Smoke Abatement Committee, which maintains a sulphur-dioxide recording apparatus in the grounds of Ryecroft Hall.

The results obtained are given in milligrams of sulphur-dioxide per 100 square centimetres of exposed surface per day.

Investigation of Atmospheric Pollution - Joint Scheme No. 2

Estimation of sulphur-dioxide expressed in milligrams.

MEAN RESULTS.

Ryecroft Hall, Audenshaw:

SUMMER		WINTER		YEAR	
1957	1958	1956/57	1957/58	1956/57	1957/58
1.53	1.55	2.36	2.80	1.94	2.16

ERADICATION OF INSECT PESTS.

During the year twenty-three houses were disinfested by means of D.D.T. liquid and Gammexane powder, for the eradication of cockroaches and house flies. One complaint was received in respect of infestation by the bed bug; the premises were disinfested by means of D.D.T. liquid.

The Department continued to sell to the public insecticides and disinfectants at cost price, plus a 5% establishment charge.

RODENT CONTROL.

No serious nuisance was experienced from rodents and the routine treatment of the Local Authority's sewers was carried out. The results of these treatments are given below, together with the results for 1957 :-

	Manholes treated	Number of Manholes	
		Bait partly taken	Bait completely taken
April, 1958	91	43	1
" 1957	340	47	7
September, 1958	135	27	-
" 1957	132	62	8

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Report for the twelve months ended 31st March, 1959						
	Type of Property				Agricultural	
	Non-Agricultural					
	(1)	(2)	(3)	(4)		
	Local Authority	Dwelling Houses	All Other	Total (2) & (3)		
(i) Number of properties in Local Authority's District ...	11	4,361	221	4,593	6	
(ii) Number of properties inspected as a result of :-						
(a) Notification ...	1	56	6	63	-	
(b) Survey under the Act ...	3	1,234	14	1,251	6	
(c) Otherwise (e.g. when visited primarily for some other purpose) ...	-	99	-	99	-	
(iii) Total inspections carried out - including re-inspections ...	33	1,791	121	1,945	12	
(iv) Number of properties inspected - in Section (ii) - which were found to be infested by :-						
(a) Rats - Major ...	-	-	-	-	-	
Minor ...	1	50	5	56	2	
(b) Mice - Major ...	-	-	-	-	-	
Minor ...	-	244	8	252	-	
(v) Number of infested properties - in Section (iv) - treated by the Local Authority ...	1	294	13	308	2	
(vi) Total treatments carried out - including re-treatments ...	2	344	21	367	3	
(vii) Number of notices served - Treatment ...	-	-	-	-	-	
(viii) Number of "Block" control schemes carried out ...	-	-	-	-	-	

S C H O O L S.

There are seven schools within the Urban District; three are of modern standards and construction, and four of the older type of school. The three modern schools are equipped with their own canteen kitchens where standards of hygiene are high. The mode of construction, modern equipment and conscientiousness of the staffs, ensuring that the standard is maintained.

With regard to the other schools in the area, meals are brought ready cooked in insulated containers to the schools, and served by school meals service staff in the classrooms. Here again the conditions are satisfactory.

All schools have a sufficient number of wash-basins and an adequate supply of clean water, but all schools are not supplied with hot water.

The school yards are satisfactorily paved and the sanitary accommodation is satisfactory and sufficient.

F A C T O R I E S.

Routine inspections of factories with regard to sanitary accommodation, ventilation, heating, lighting and drainage, have been made and conditions were found to be satisfactory with the exception of one factory where major building operations are being carried out. In this case, the Management intend to reconstruct the sanitary accommodation in question.

FACTORIES ACTS, 1937 AND 1948.

Part I of the Act.

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	81	39	5	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	6	6	-	-
<u>TOTAL:</u>	87	45	5	-

2. Cases in which defects were found.

Particulars	Number of cases in which defects were found		
	Found	Remedied	Referred by H.M. Inspector
Want of cleanliness (S.1)	2	2	2
Overcrowding (S.2)	-	-	-
Unreasonable temperature (S.3)	-	-	-
Inadequate ventilation (S.4)	3	2	1
Ineffective drainage of floors (S.6) ...	-	-	-
Sanitary conveniences (S.7) :-	-	-	-
(a) Insufficient ...	-	-	-
(b) Unsuitable or defective	1	1	-
(c) Not separate for sexes	-	-	-
Other offences against the Act (not including offences relating to outwork) ...	-	-	-
<u>TOTAL:</u>	6	5	3

Part VIII of the Act.

OUTWORK.

Sections 110 and 111.

	Nature of Work	
	Wearing Apparel Making, etc.	Making of boxes or other receptacles or parts thereof
Number of out-workers in August list required by Section 110(1)(c) (3)	9	-
Number of cases of default in sending lists to the Council (4)	-	-
Number of prosecutions for failure to supply lists (5)	-	-
Number of instances of work in unwholesome premises (6)	-	-
Notices served (7)	-	-
Prosecutions (8)	-	-

OFFENSIVE TRADES.

There are three factories within the district where offensive trades are carried on, and no nuisance has been experienced during the year.

H O U S I N G .

During the year work has continued on the production of 48 new dwellings required to re-house the tenants of property dealt with under the provisions of the Housing Act, 1957, and included in the first two years of the Council's ten-year housing programme.

SANITARY DEFECTS REMEDIED BY THE SERVICE OF INFORMAL AND STATUTORY NOTICES DURING 1958.

Roofs ...	30	Floors ...	12
Damp walls ...	17	Ceilings ...	2
Windows and skylights	19	Sinks and waste pipes	5
Walls (plaster)	10	Dustbins renewed	42
Fireplaces, flues, etc.	7	Drains and closets	63
Doors and Frames	6	Closet seats ...	2
Rainwater conductors	37	Yard surfaces	1
Accumulation of refuse	1	Defective plumbing	1
Brickwork and pointing	6	Defective gas fittings	1

S T A T I S T I C S .

Number of new houses erected during the year :-

(i)	By the local authority	...	Nil
(ii)	By other local authorities	...	Nil
(iii)	By other bodies or persons	...	13

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:

(1)	(a)	Total number of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts)	173
	(b)	Number of inspections, formal or informal, made for the purpose ...	288
(2)		Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit :-	
	(a)	Number found during year ...	7
	(b)	Total number (or estimated number) existing at end of year ...	1
(3)		Number of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit ...	173

2. HOUSES DEMOLISHED :-

In Clearance Areas - (Housing Act, 1936, and Housing Repairs and Rents Act, 1954):

	Houses Demolished	Displaced during year	
		Persons	Families
(1) Houses unfit for human habitation ...	-	-	-
(2) Houses included by reason of bad arrangement, etc.	-	-	-
(3) Houses on land acquired under Section 43(2) Housing Act, 1957	-	-	-
Not in Clearance Areas:			
(4) As a result of formal or informal procedure under Section 17(1) Housing Act, 1957 ...	3	1	-
	Number		
3. <u>UNFIT HOUSES CLOSED :-</u>			
(1) Under Section 16(4), 17(1) and 35(1) Housing Act, 1957	5	-	-
(2) Under Sections 17(3), 26, Housing Act, 1957	-	-	-
(3) Parts of buildings closed under Section 18, Housing Act, 1957	-	-	-

4. UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED :-

	By Owner	By Local Authority
(1) After informal action by local authority ...	55	-
(2) After formal notice under		
(a) Public Health Acts	79	115
(b) Under Sections 9 and 16, Housing Act, 1957	1	1
(3) Under Section 24, Housing Act, 1957 ...	-	-

5. UNFIT HOUSES IN TEMPORARY USE (HOUSING ACT, 1957) :-

	Number of houses (1)	Number of separate dwellings contained in column (1) (2)
Position at end of year:		
(1) Retained for temporary accommodation -		
(a) Under Section 48	-	-
(b) Under Section 17(2)	-	-
(c) Under Section 46	-	-
(2) Licensed for temporary occupation under Section 34 or 53	-	-

6. PURCHASE OF HOUSES BY AGREEMENT :-

	Number of houses (1)	Number of occupants of houses in Col. (1) (2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year	-	-

7. HOUSING ACT, 1949 AND (FINANCIAL PROVISIONS) ACT, 1958 -
IMPROVEMENT GRANTS, ETC. :-

ACTION DURING YEAR:	Private bodies or individuals		Local Authority	
	No. of schemes	No. of dwelling houses or other buildings affected	No. of schemes	No. of dwelling houses or other buildings affected
(a) Submitted by private individuals to local authority	4	4	-	-
(b) Approved by local authority	4	4	-	-
(c) Submitted by local authority to Ministry	-	-	1	1
(d) Finally approved by Ministry	-	-	-	-
(e) Work completed	4	4	-	-
(f) Additional separate dwellings included in (e) above	-	-	-	-

INSPECTION AND SUPERVISION OF FOOD.

There are within the area 110 food premises of all types to which 253 inspections were made. The general standard of food premises in the area is good, many shops now being equipped with refrigerated display cabinets.

One complaint was received concerning a meat and potato pie which was found to contain a house-fly. This was reported by the Department to the Lancashire County Council, who are the Food and Drugs Authority, and legal proceedings were instituted under the Food and Drugs Act, 1955.

The food premises within the district are listed as follows :-

General Grocers and Provisions Dealers	...	35
Greengrocers and Fruiterers (including wet fish, game, etc.)	...	10
Fishmongers (including those selling poultry, game, etc.)	...	2
Meat Shops (Butchers, Purveyors of cooked and preserved meats)	...	9
Bakers and/or Confectioners	...	11
Fried Fish Shops	...	7
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.	...	12
Licensed premises, clubs, canteens, restaurants, cafes, snack-bars and similar catering establishments	...	24

The following food premises, by type, are registered under the provisions of the Lancashire County Council (Rivers Board & General Powers) Act, 1938 :-

Butchers	...	8
Grocers	...	16
Factory Canteens	...	2
Sweets and Confectionery	...	13
Ice Cream Storage Premises	...	1
Dairy Farms ..	...	1
Cafes	...	1

The following foodstuffs have been condemned during the year by the Department's Inspectors :-

	<u>Lbs.</u>
Tinned Meats, Fruits and Vegetables	261
Frozen Egg	84
Meat	124
<u>TOTAL:</u>	<u>469</u>

FOOD SAMPLING.

The Lancashire County Council carried out their duties as the Food and Drugs Authority, and I am indebted to Dr. S.C. Gawne, County Medical Officer of Health for the details of samples taken within the district under the provisions of the Food and Drugs Act, 1955.

A total of 60 samples were obtained during 1958. These consisted of 37 samples of milk (including 5 Channel Islands milk) and 23 other, comprising :-

1 Peas, dried	1 Soda water
1 Barley	2 Fresh fruit
1 Lentils	1 Demerara sugar
1 Semolina	1 Travel sickness tablets
1 Gripe water	1 Biscuits
1 Flour confectionery	1 Muffin
1 Laxative chocolate	2 Sweets
1 Meat and potato pie	1 Gravy browning
1 Cake mix	1 Tincture of iodine
1 Blancmange powder	1 Ascorbic acid tablets
1 Bicarbonate of soda	

The samples were submitted for analysis to the County Analyst, and I give below details of those which were found to be adulterated or which otherwise gave rise to irregularity :-

<u>Type:</u>	<u>Result of Analysis:</u>	<u>Action taken:</u>
Laxative Chocolate.	Contained only 8.2% phenolphthalin compared with 10% declared and contained 15 parts per million of lead. Rancid and had appearance of old stock.	Manufacturers communicated with. Stated not produced since March, 1954. Stock surrendered.
Meat and Potato Pie.	Contained a house-fly, 83 mgms. in weight which appeared to have been baked into the pie.	Legal proceedings. Bakers fined £5, costs awarded £15.
Opened packet of Cake Mix.	Contained one live beetle (ptinus tectus) 3 mm. long. Sample otherwise in good condition.	Stock examined.
Muffin.	Contained 0.85 gm. of dough discoloured with 1.9% iron oxide.	Bakers cautioned.
Tincture of Iodine B.P.	Contained 0.13% potassium iodine in excess of B.P. limit.	Packers communicated with.
Ascorbic Acid Tablets	Consisted of 25 mgm. tablets. Box marked with handwritten declaration "50 mgms."	Vendor communicated with.

ICE CREAM.

REGISTRATION OF PREMISES.

Number of premises registered to 31st December, 1958 :-

(1) For the sale and manufacture of ice-cream	...	1
(2) For the sale only of ice-cream	...	27
(3) For storage and distribution for intention of sale		1

SAMPLING OF ICE-CREAM.

The following samples were procured under the Ice Cream (Heat Treatment, etc.) Regulations 1947-1952 :-

Ice Cream ... 3

The laboratory results on these samples were as under :-

Grade 1

Methylene Blue Reduction Test 3

MILK SUPPLY.

SAMPLING OF MILK.

Type of Milk Sampled	No. of Samples taken	Phosphatase Test		Methylene Blue		Animal Inoculation (Tuberculosis)		Turbidity
		Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.	Sat.
(a) Pasteurised	5	5	-	5	-	-	-	-
(b) Tuberculin-tested (Pasteurised)	4	4	-	4	-	-	-	-
(c) Tuberculin-Tested	4	-	-	2	1	-	-	1
(d) Sterilised	6	-	-	-	-	-	-	6
<u>TOTAL:</u>	19	9	-	12	1	-	-	7

The County Milk Production Officer was informed of the unsatisfactory sample of milk, to enable him to take any necessary action.

LICENSING FOR THE SALE OF DESIGNATED MILKS.

	In respect of		
	Pasteurised Milk	Sterilised Milk	Tuberculin- tested Milk
Dealers' Licences	15	35	14
Dealers' Supplementary Licences	10	9	9
<u>TOTAL:</u>	25	44	23

SANITARY INSPECTIONS OF THE AREA.

<u>Visits re :-</u>			<u>No. of</u> <u>Visits</u>
Shops Act	...	...	60
Rag Flock premises	...	...	2
Public conveniences	...	...	10
Housing Act and other miscellaneous housing matters	...	...	301
Water supply	...	...	7
Drainage, closets, etc.	...	...	318
Filthy and verminous premises	...	...	28
Dustbins	...	...	84
Accumulation of refuse, etc.	...	...	2
Refuse collection, salvage and refuse disposal	...	...	762
Rats and mice	...	...	147
Schools	...	...	6
Factories	...	...	45
Outworkers	...	...	9
Stables and Piggeries	...	...	6
Cases of notifiable disease	...	...	66
Food premises	...	...	261
Smoke abatement	...	...	174
Closet conversions	...	...	77
Workshops	...	...	6
Offensive trades	...	...	4
			<hr/>
			2,375
Interviews with owners, etc.	...	...	425
			<hr/>
<u>TOTAL:</u>			<u>2,800</u>

Notices served, etc. :-

	Served		Complied with		
	Informal	Statutory	Informal	Statutory	
				By Owner	In default
PUBLIC HEALTH AND HOUSING ACTS	65	208	67	77	131
FACTORIES ACT	5	-	4	-	-
FOOD AND DRUGS ACT	5	5	9	10	-
<u>TOTAL:</u>	75	213	80	87	131

